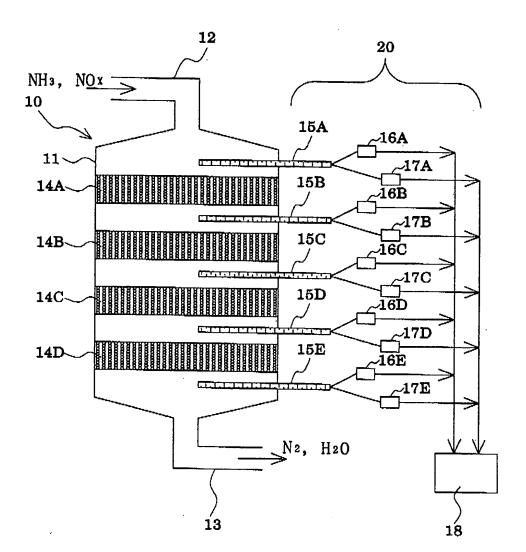
Filing Date: December 20, 2004 Darryl Mexic 202-293-7060

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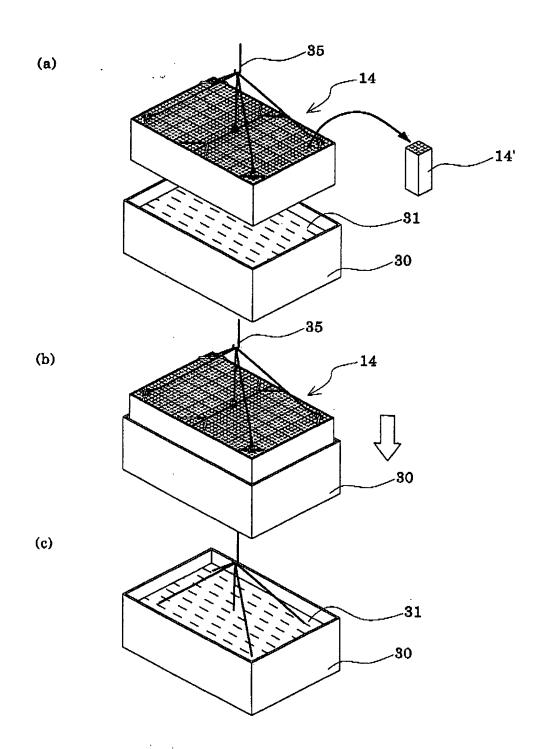
FIG. 1



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FIG. 2

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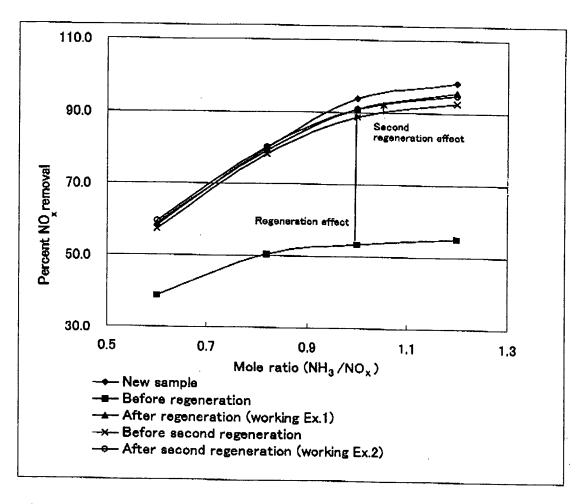
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FIG. 3



Confirmation of regeneration effect and second regeneration effect



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FIG. 4

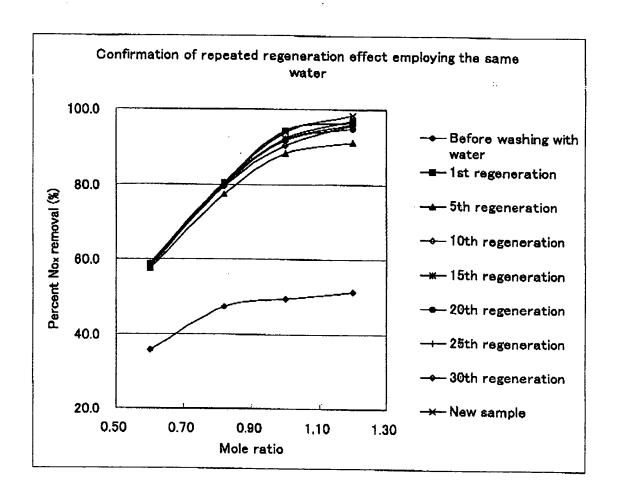
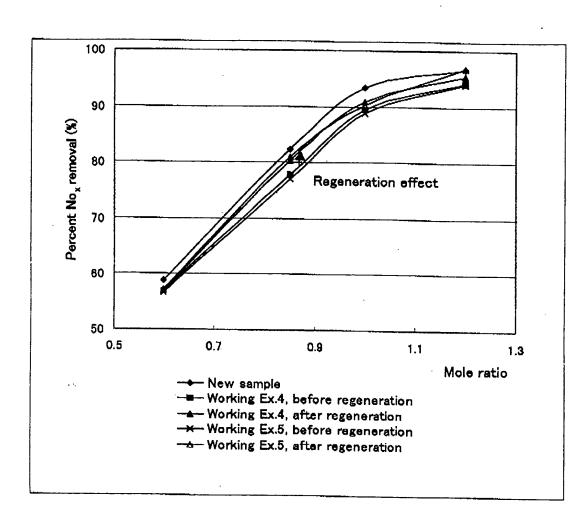


FIG. 5

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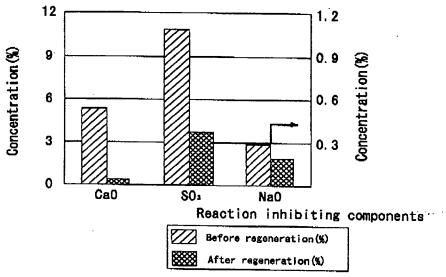


Regeneration effect on NO<sub>x</sub> removal catalyst employed in thermal power station using heave oil as fuel

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FIG. 6



Concentrations at catalyst surface before and after regeneration

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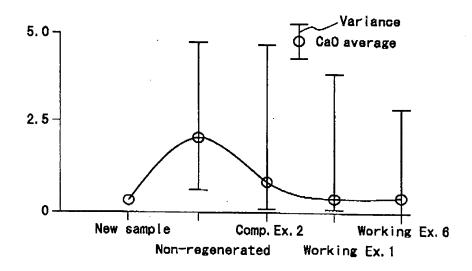
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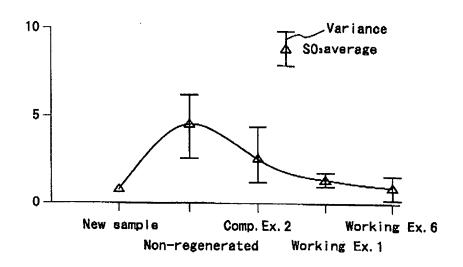
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FIG. 7

(a)



(b)



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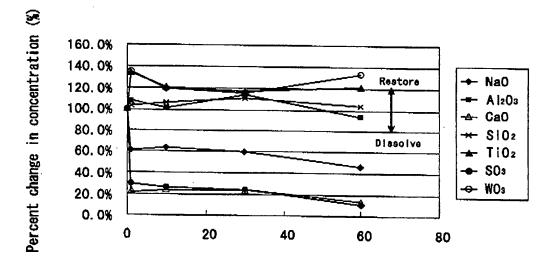
Filing Date: December 20, 2004 Darryl Mexic 202-293-7060 8 of 8 1 1 2 4 7 1 0 1

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FIG. 8

## Change in element concentration at catalyst surface depending on regeneration time



Regeneration time (min)

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